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108]	1081 TCCCATTTCAAGAATTTCCGGCTGCCAGGGGTGCTTGCGAGTTGCCAGACCTCTGCAGGCCCCATCGAGGAAGAAGCT S H F K N F R L P G V L S S G C E L P E P L Q A P S R E E A	196	
1171	1171 GCCAAGTGGAGCCAGGTCCGGAAAGATCTGTGTGTCTTTGAAGGTCTCTGCAAGCTGCGGGGGGAGGATGGCAGTGTCTGGAACTACAA A K W S Q V R K D L C S L K V S L Q A A G G G W Q C L E L Q	226	
1261	1261 ACNCCCAGCCGACAGTGGCGGAAAGAGATCTTCTCCCTGCTGCCCACATGGCTGACATGTCAACCTACATGTTCAAAGGCATCATCAGC T P S R Q W R K E I F S L L P H M A D M S T Y M F K G I I S	256	
351	351 TTTGCCAAAGTCATCTCCTACTTCAGGGACTTCGAGGACCAGATCTCCCTGCTGAAGGGGGCCGCTTTCGAGCTGTGTCAACTG F A K V I S Y F R D L P I E D Q I S L L K G A A F E L C Q L	286	
441	441 AGATTCAACACAGTGTTCAACGCGGAGACTGGGAGTGTGGCGGCTGTCCTACTGCTTGGAAGACACTGCAGGTGGCTTCCAG R F N T V F N A E T G T W E C G R L S Y C L E D T A G G F Q	316	
531	531 CAACTTCTACTGGAGCCCATGCTGAATTCCACTACATGCTGAAGAAGCTGCATGAGGAGGAGTATGTGCTGATGCAGGCCATC Q L L L E P M L K F H Y M L K K L Q L H E E E Y V L M Q A I	346	
621	621 TCCCTCTTCTCCCCAGACCGCCCAGGTGTGCAGCAGGTGGTGGACCAGCTGCAGGAGCAATTCGCCATTACTCTGAAGTCCTAC S L F S P D R P G V L Q H R V V D Q L Q E Q F A I T L K S Y	376	
111	111 ATTGAATGCAATCGGCCCCAGCCTGCTCATAGGTTCTTGTTCCTGAAGATCATGGCTATGCTCACCGAGCTCCGCAGCATCAATGCTCAG	406	
101	AGCTGAGCG S *	43.4 43.4	
91 (GCTGCCTTGGGTGACACCTTCGAGAGGCAGCCAGAGCCCTCTGAGCCGGCACTCCCGGGCCAAGACAGAC	ID NO:2) ID NO:1)	

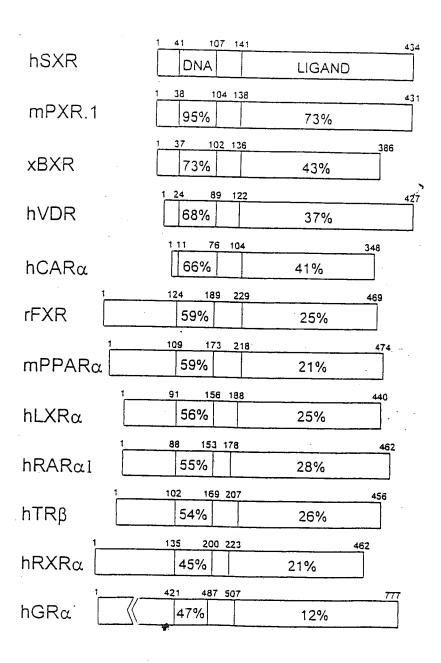


Fig. 1C

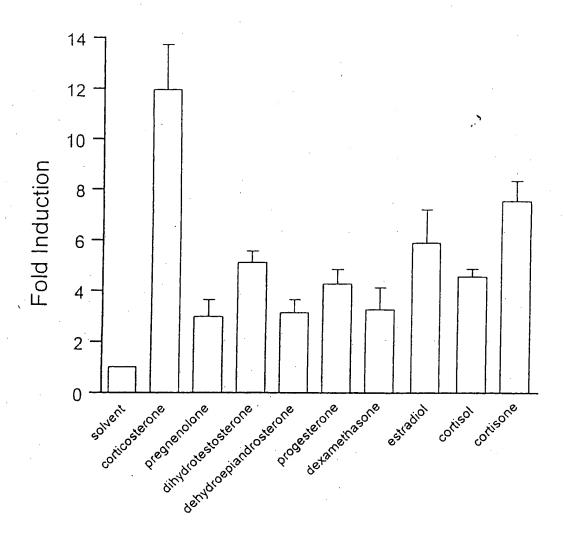


Fig. 2

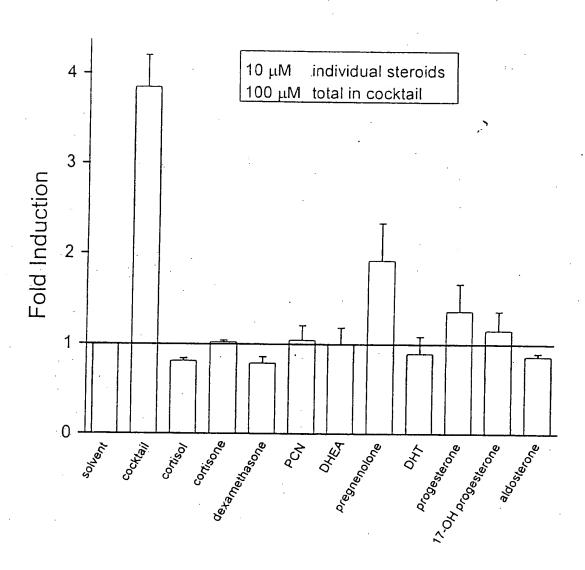


Fig. 3

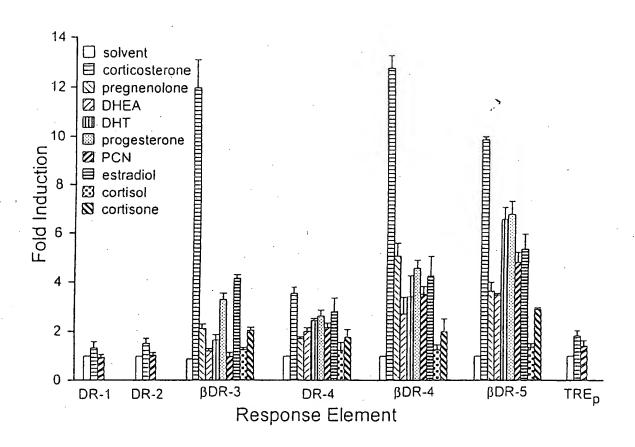


Fig. 4

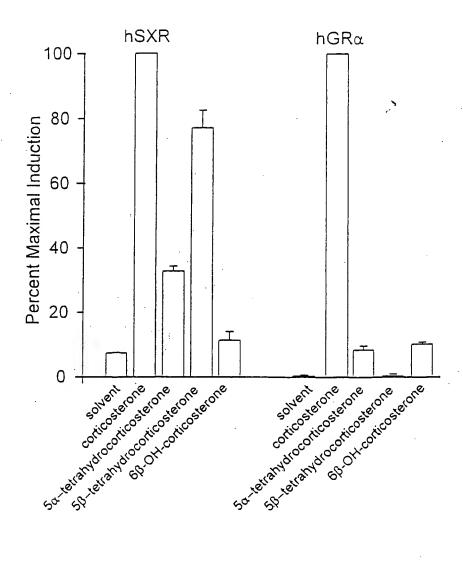


Fig. 5

DR-3								
rCYP3A1	tagac	AGTTCA	tga	AGTTCA	tctac	(SEQ	ID	NO:3)
rCYP3A2	taagc	AGTTCA	taa	AGTTCA	tctac	(SEQ	ID	NO:4)
rUGT1A6	actgt	AGTTCA	taa	AGTTCA	catgg	(SEQ	ID	NO:5)
DR-4								
rbCYP2C1	caatc	AGTTCA	acag	GGTTCA	ccaat	(SEQ	ID	NO:6)
rP450R	. cac	AGGTGA	gctg	AGGCCA	gcagc			aaa NO:7)
DR-5								
rCYP2A1	gtgca	GGTTCA	actg	g AGGTC	A acato	SEQ	ID	NO:8)
rCYP2A2	gtgct	GGTTCA	actg	g AGGTC	A gtate	(SEQ	ID	NO:9)
rCYP2C6		AGTTCA						
hCYP2E1	gagat	GGTTCA	agga	a GGGTC	A ttaac	(SEO	ID	NO:11)

Fig. 6A

CYP3A4 tagaata TGAACT caaagg AGGTCA gtgagtgg (SEQ ID NO:33) CYP3A5 tagaata TGAACT caaagg AGGTAA gcaaaggg (SEQ ID NO:34) CYP3A7 tagaata TTAACT caatgg AGGC.A gtgagtgg (SEQ ID NO:35)

Fig. 6B

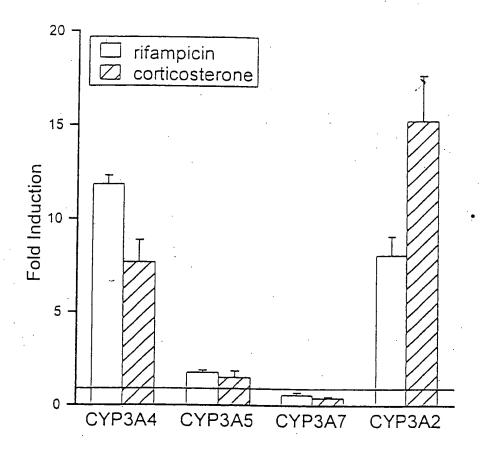


Fig. 6C

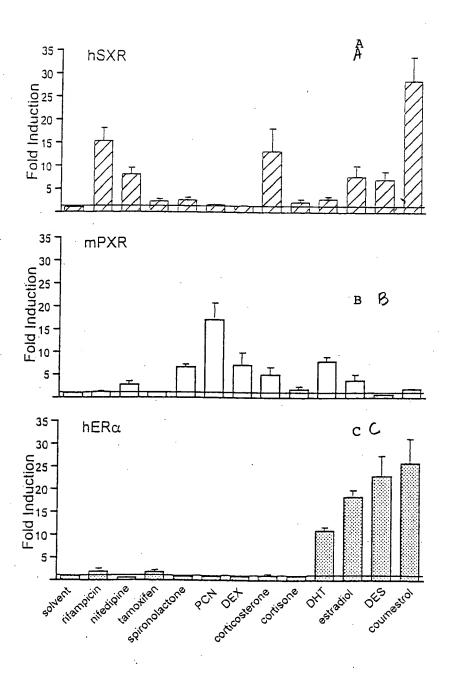


Fig. 7

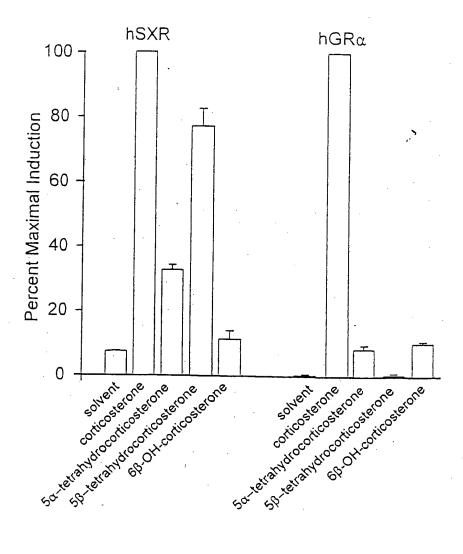
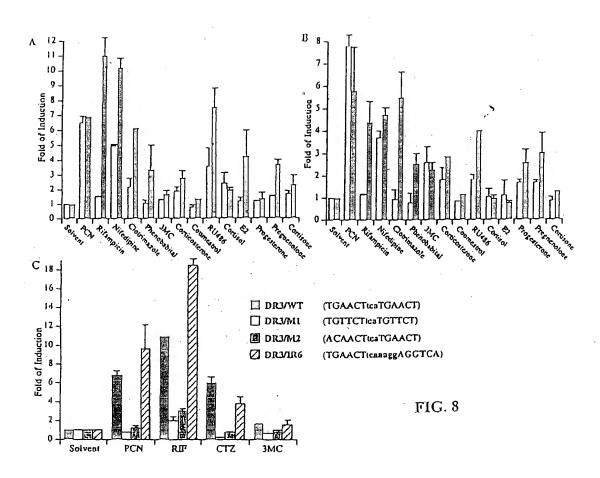


Fig. 7D



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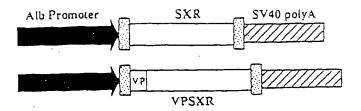


FIG. 9

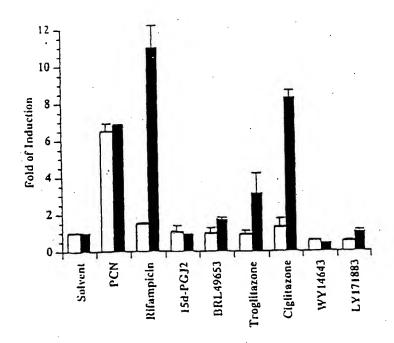


FIG. 10

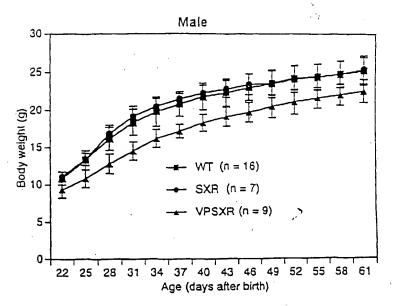


FIG. 11

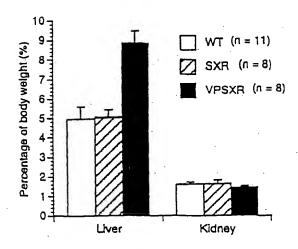


FIG. 12